≝ernational Application No CT/GB2004/002779

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/62 C12N C12N15/63 C12N5/10 C12N9/02 C07K19/00 C12P21/02 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C12N C07K C12P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, Sequence Search, BIOSIS, EMBASE, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages 1-6. WO 98/36081 A (ANGELIS DINO A DE ; SLOAN X 10-13, KETTERING INST CANCER (US); MIESENBOCK 15-19, GERO) 20 August 1998 (1998-08-20) 22,23 7-9,20 page 38, paragraph 3 Υ 21,24-29 figure 13 1-6, DATABASE EMBL 'Online! X 10-13. 18 November 1997 (1997-11-18), "Vargula 15-19, hilgendorfii luciferase mRNA, complete 22,23 cds." XP002310858 retrieved from EBI accession no. EM\_PRO: U89490 Database accession no. U89490 7-9,20Y abstract 21,24-29 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the \*A\* document defining the general state of the art which is not considered to be of particular relevance invention \*E\* earlier document but published on or after the international "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed

Name and mailing address of the ISA

Date of the actual completion of the international search

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

16 December 2004

"&" document member of the same patent family Date of mailing of the international search report

Authorized officer

Tudor, M

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International application No. PCT/GB2004/002779

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)	
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reason:	6:
Claims Nos.:     because they relate to subject matter not required to be searched by this Authority, namely:     .	
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:	
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).	
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	
This International Searching Authority found multiple inventions in this international application, as follows:	
see additional sheet	
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.	
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.	
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:	
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  1-26, 28, 29 (completely), 27 (partially)	
Remark on Protest  The additional search fees were accompanied by the applicant's prote  No protest accompanied the payment of additional search fees.	st.

### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26,28,29 (completely), 27 (partially)

Methods of producing a target protein using nucleic acids which encode a chimaeric protein comprising a signal peptide from a non-mammalian bulk-secreted protein and said target protein; a nucleic acid encoding said chimaeric protein; a vector comprising said nucleic acid; a host cell comprising said nucleic acid or said vector; a method of obtaining a target protein using said host cells; a kit comprising said vector and said cell.

2. claim: 27 (partially)

A method of producing a target protein using nucleic acids which encode a chimaeric protein comprising a signal peptide from a mammalian bulk-secreted protein and said target protein.

Information on patent family members

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